

310 300
35 K4

5231327

SERIAL NUMBER (Series of 1987)	628440	PATENT DATE	JUL 27 1993		PATENT NUMBER	5231327	
SERIAL NUMBER	07/623,440	FILING DATE	12/14/90	CLASS	SUBCLASS	GROUP/ART UNIT	22 202
APPLICANTS RICHARD S. KETCHAM, AMES, IA.							
CONTINUING DATA*** VERIFIED None							
SIGN/PCT APPLICATIONS***** FILED							
***** SMALL ENTITY *****							
Ind <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Some met <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Examiner's Initials	AS FILED	STATE OR COUNTRY	25	TOTAL CLAIMS	17	FILING FEE RECEIVED	5 \$ 375.00 3008-33751
ATTORNEY'S DOCKET NO.							
ST. SPARKMAN, CAMPBELL, LEIGH TON OLD TRADE CENTER, STE. 1600 W. SALMON STREET OR 97204							
A2 PIEZOELECTRIC RESONATOR-BASED NETWORKS AND ASSOCIATED METHODS							
U.S. DEPT. OF COMM. Pat. & TM Office - PTO-436L (Rev. 1-25-92)							
ISSUE FEE IN FILE							
PART 8 OF APPLICATION FILED SEPARATELY							
NOTICE OF ALLOWANCE MAILED		PREPARED FOR ISSUE 2-17-93			CLAIMS ALLOWED		
2/15/93		DAWKINS Assistant Examiner Docket Clerk			Total Claims 10 Print Claim 1		
ISSUE FEE		HARRY G. GIBBO PRIMARY EXAMINER ART UNIT 212 Primary Examiner			DRAWING Sheets Drwg. 250 Figs. Drwg. 42 Print Fig. 4		
Amount Due 585.00 Date Paid 2/12/93		ISSUE CLASSIFICATION Class 310 Subclass 366			ISSUE BATCH NUMBER K14		
Label Area							
WARNING: The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 365. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.							
A PTO-436 2-9-90							